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PATENT

Amendments to the Claims:

1-64. (Canceled)

65. (New) A prosthetic heart valve resistant to tissue overgrowth following implantation of said prosthetic heart valve into a host, said heart valve comprising a sewing ring, and a housing component enclosing a valve component, wherein said sewing ring comprises an antimicrotubule agent in an amount sufficient to prevent tissue overgrowth, and wherein said agent is incorporated into the sewing ring.

66. (New) The heart valve according to claim **65**, wherein said antimicrotubule agent is encapsulated in a microcapsule to form a microencapsulated antimicrotubule agent.

67. (New) The heart valve according to claim **66**, wherein said microencapsulated antimicrotubule agent is incorporated into a reservoir located on the sewing ring.

68. (New) The heart valve according to claim **66**, wherein said microencapsulated antimicrotubule agent is embedded in the material from which the sewing ring is fabricated.

69. (New) The heart valve according to claim **65**, wherein said sewing ring comprises a polymeric material.

70. (New) The heart valve according to claim **69**, wherein said polymeric material comprises a member selected from plastics, rubbers and combinations thereof.

71. (New) The heart valve according to claim **69**, wherein said polymeric material is a fabric.

72. (New) The heart valve according to claim **71**, wherein said fabric comprises a material that is a member selected from thermoplastic polyurethanes TPUs, nylons, polypropylene, polytetrafluoroethylene, polyesters, nylon polymers, block copolymers of a polyether polymer and a polyester polymer, and block copolymers of a polyether polyol and one selected from the group consisting of polyamides, polyimides, polyolefins, synthetic hydrocarbon elastomers, and natural rubber.

73. (New) The heart valve according to claim **72**, wherein said polyester is polyethylene terephthalate (PET).

74. (New) The heart valve according to claim **72**, wherein said nylon is a member selected from nylon-11, nylon-12 and combinations thereof.

75. (New) The heart valve according to claim **72**, wherein said polyolefin is a member selected from polyethylenes (PE) and polypropylenes (PP).

76. (New) The heart valve according to claim **71**, wherein said fabric is a member selected from a weft knit with a velour, a weft knit without a velour, a warp knit with a velour, a warp knit without a velour, a weave structure with a velour, a weave structure without a velour and combinations thereof.

77. (New) The heart valve according to claim **76**, wherein said fabric comprises a combination yarn comprising at least two polymeric components.

78. (New) The heart valve according to claim **77**, wherein said combination yarn comprises polyester wrapped with polypropylene yarn.

79. (New) The heart valve according to claim **65**, wherein said sewing ring comprises one biologically active agent, wherein said one biologically active agent is said microencapsulated antimicrotubule agent.

80.   (New) The heart valve according to claim **65**, wherein said antimicrotubule agent is a member selected from taxane, taxane derivatives and combinations thereof.

81.   (New) The heart valve according to claim **65**, further comprising a coating layer.

82.   (New) The heart valve according to claim **81**, wherein said coating is layered over said microcapsule.

83.   (New) The heart valve according to claim **81**, wherein said coating is a member selected from bioerodable coatings, hydrogel coatings, thermoreversible coatings, bioresorbable coatings and combinations thereof.

84.   (New) The heart valve according to claim **66**, wherein said microcapsule is fabricated from a material that undergoes erosion in said host, thereby providing for controlled release of said encapsulated biologically active material from said microcapsules.

85.   (New) The heart valve according to claim **84**, wherein said microcapsule comprises a sodium alginate envelope